

#4

TO REUSE

PCT09

RAW SEQUENCE LISTING

DATE: 09/13/2001

PATENT APPLICATION: US/09/914,152

TIME: 17:18:01

Input Set : A:\2139.25 Sequence.txt

Output Set: N:\CRF3\09132001\I914152.raw

3 <110> APPLICANT: Hisashi NARIMATSU et al.:
 5 <120> TITLE OF INVENTION: NOVEL POLYPEPTIDES
 7 <130> FILE REFERENCE: 11192US1
 9 <140> CURRENT APPLICATION NUMBER: US/09/914,152
 10 <141> CURRENT FILING DATE: 2001-08-24
 12 <150> PRIOR APPLICATION NUMBER: JP 99/47571
 13 <151> PRIOR FILING DATE: 2000-02-25
 15 <160> NUMBER OF SEQ ID NOS: 25
 17 <170> SOFTWARE: PatentIn Ver. 2.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 310
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Homo sapiens
 24 <400> SEQUENCE: 1

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29				20					25				30			
31	Glu	Gln	Ser	Phe	Val	Tyr	Lys	Lys	Asp	Gly	Asn	Phe	Leu	Lys	Leu	Pro
32			35					40				45				
34	Asp	Thr	Asp	Cys	Arg	Gln	Thr	Pro	Pro	Phe	Leu	Val	Leu	Leu	Val	Thr
35		50				55				60						
37	Ser	Ser	His	Lys	Gln	Leu	Ala	Glu	Arg	Met	Ala	Ile	Arg	Gln	Thr	Trp
38	65				70				75					80		
40	Gly	Lys	Glu	Arg	Met	Val	Lys	Gly	Lys	Gln	Leu	Lys	Thr	Phe	Phe	Leu
41				85				90				95				
43	Leu	Gly	Thr	Thr	Ser	Ser	Ala	Ala	Glu	Thr	Lys	Glu	Val	Asp	Gln	Glu
44			100					105				110				
46	Ser	Gln	Arg	His	Gly	Asp	Ile	Ile	Gln	Lys	Asp	Phe	Leu	Asp	Val	Tyr
47		115				120				125						
49	Tyr	Asn	Leu	Thr	Leu	Lys	Thr	Met	Met	Gly	Ile	Glu	Trp	Val	His	Arg
50		130				135				140						
52	Phe	Cys	Pro	Gln	Ala	Ala	Phe	Val	Met	Lys	Thr	Asp	Ser	Asp	Met	Phe
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55	Ile	Asn	Val	Asp	Tyr	Leu	Thr	Glu	Leu	Leu	Leu	Lys	Lys	Asn	Arg	Thr
56				165				170				175				
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59			180					185				190				
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62		195				200				205						
64	Arg	Tyr	Pro	Pro	Phe	Cys	Ser	Gly	Thr	Gly	Tyr	Val	Phe	Ser	Gly	Asp
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68	225				230					235					240	
70	Leu	Glu	Asp	Val	Phe	Val	Gly	Leu	Cys	Leu	Glu	Arg	Leu	Asn	Ile	Arg
71				245				250				255				
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ENTERED

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82  Glu Asp Cys Pro Pro Val
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100  tcaggccttt ggcttggac tgatagttac accattggca tatctgggtc tgaggctctt 180
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106  tggagcattc tacactgaca gttctttgag acaaatttcc tcttggcatt tacactgtgg 360
108  ctttagcttt caaaccagag gttcctotta cccagcaaaa a atg gct ttc ccg aag 416
109                                     Met Ala Phe Pro Lys
110                                     1 5
112  atg aga ttg atg tat att tgc ctt ctg gtt ctg ggg gct ctt tgt ttg 464
113  Met Arg Leu Met Tyr Ile Cys Leu Leu Val Leu Gly Ala Leu Cys Leu
114          10          15          20
116  tat ttt agc atg tac agt cta aat cct ttc aaa gaa cag tcc ttt gtt 512
117  Tyr Phe Ser Met Tyr Ser Leu Asn Pro Phe Lys Glu Gln Ser Phe Val
118          25          30          35
120  tac aag aaa gac ggg aac ttc ctt aag ctg cca gat aca gac tgc agg 560
121  Tyr Lys Lys Asp Gly Asn Phe Leu Lys Leu Pro Asp Thr Asp Cys Arg
122          40          45          50
124  cag aca cct ccc ttc ctg gtc ctg ctg gtt acc tca tcc cac aaa cag 608
125  Gln Thr Pro Pro Phe Leu Val Leu Leu Val Thr Ser Ser His Lys Gln
126          55          60          65
128  ttg gct gag cgc atg gcc atc cgg cag acg tgg ggg aaa gag agg atg 656
129  Leu Ala Glu Arg Met Ala Ile Arg Gln Thr Trp Gly Lys Glu Arg Met
130          70          75          80          85
132  gtg aag gga aag cag ctg aag aca ttc ttc ctg ctg ggg acc acc agc 704
133  Val Lys Gly Lys Gln Leu Lys Thr Phe Phe Leu Leu Gly Thr Thr Ser
134          90          95          100
136  agt gca gcg gaa acg aaa gag gtg gac cag gag agc cag cga cac ggg 752
137  Ser Ala Ala Glu Thr Lys Glu Val Asp Gln Glu Ser Gln Arg His Gly
138          105          110          115
140  gac att atc cag aag gat ttc cta gac gtc tat tac aat ctg acc ctg 800
141  Asp Ile Ile Gln Lys Asp Phe Leu Asp Val Tyr Tyr Asn Leu Thr Leu
142          120          125          130
144  aag acc atg atg ggc ata gaa tgg gtc cat cgc ttt tgt cct cag gcg 848

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149  Ala Phe Val Met Lys Thr Asp Ser Asp Met Phe Ile Asn Val Asp Tyr
150  150                      155                      160                      165
152  ctg act gaa ctg ctt ctg aag aaa aac aga aca acc agg ttt ttc act      944
153  Leu Thr Glu Leu Leu Leu Lys Lys Asn Arg Thr Thr Arg Phe Phe Thr
154      170                      175                      180
156  ggc ttc ttg aaa ctc aat gag ttt ccc atc agg cag cca ttc agc aag      992
157  Gly Phe Leu Lys Leu Asn Glu Phe Pro Ile Arg Gln Pro Phe Ser Lys
158      185                      190                      195
160  tgg ttt gtc agt aaa tct gaa tat ccg tgg gac agg tac cca cca ttc      1040
161  Trp Phe Val Ser Lys Ser Glu Tyr Pro Trp Asp Arg Tyr Pro Pro Phe
162      200                      205                      210
164  tgc tcc ggc acc ggc tac gtg ttt tct ggc gac gtg gcg agt cag gtg      1088
165  Cys Ser Gly Thr Gly Tyr Val Phe Ser Gly Asp Val Ala Ser Gln Val
166      215                      220                      225
168  tac aat gtc tcc aag agc gtc cca tac att aaa ctg gaa gac gtg ttt      1136
169  Tyr Asn Val Ser Lys Ser Val Pro Tyr Ile Lys Leu Glu Asp Val Phe
170      230                      235                      240                      245
172  gtg ggg ctc tgc ctc gaa agg ctg aac atc aga ttg gag gag ctc cac      1184
173  Val Gly Leu Cys Leu Glu Arg Leu Asn Ile Arg Leu Glu Glu Leu His
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176  tcc cag ccg acc ttt ttt cca ggg ggc tta cgc ttc tcc gta tgc ctc      1232
177  Ser Gln Pro Thr Phe Phe Pro Gly Gly Leu Arg Phe Ser Val Cys Leu
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180  ttc agg agg atc gtg gcc tgc cac ttc atc aag cct cgg act ctc ttg      1280
181  Phe Arg Arg Ile Val Ala Cys His Phe Ile Lys Pro Arg Thr Leu Leu
182      280                      285                      290
184  gac tac tgg cag gct cta gag aat tcc cgg ggg gaa gat tgt ccg cct      1328
185  Asp Tyr Trp Gln Ala Leu Glu Asn Ser Arg Gly Glu Asp Cys Pro Pro
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188  gtc tgagggggagc ccagaggcac atccggacaa gtttcagata acccgtgggg      1381
189  Val
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224 gaccctcgg gctcagagcc cttaaagtggg ccctggtgaa gcagggtggt cctgcgtcca 2401
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228 gaactttgtg gtttgcgtgt tagccttcag tttgctccgc tgccctctac ccagagggtt 2521
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234 ttaatttttt actttaccag actttacttt gtactcagag aagaggcctc acatggctgt 2701
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399	gacactcact	ggatttgaga	accgtggggg	tgttcagaca	gcagggacgt	tgatgttggt	3900

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:876 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19